RECEIVED CENTRAL FAX CENTER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUN 0 9 2004

In re Application of:

Stefan Hau-Riege R. Scott List

Serial No.: 10/001,305

Filed:

November 30, 2001

For: METHOD OF MAKING A

SEMICONDUCTOR DEVICE

THAT HAS COPPER DAMASCENE INTERCONNECTS WITH ENHANCED **ELECTROMIGRATION RELIABILITY**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 OFFICIAL

Art Unit: 2829

Examiner: M. Harrison

Atty Docket: P12075

<u>AMENDMENT</u>

Dear Sir:

In response to the office action of May 21, 2004, applicants respectfully request the examiner to enter the following amendment, which cancels all claims except for claims 16-20. In the office action, the examiner allowed those claims over the prior art of record. Consequently, applicants respectfully request the examiner to send a notice of allowance for these remaining pending claims.

Intel C rporation 2200 Mission College Blvd. Santa Clara, CA 95052

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Intel Legal Team

Fax

Page 1 of 9

Date: June 9, 2004

To: Monica D. Harrison

Fax: 703-872-9306

Phone: 571-272-1959

United States Patent and Trademark Office

From: Mark V. Seeley

Fax: 408-765-7723

Phone: 408-765-7382

Subject:

Amendment in Application Scrial No. 10/001,305

A CONFIRMATION COPY OF THIS DOCUMENT:

WILL NOT BE SENT

Applicant(s):

Stefan Hau-Rlege, R. Scott List

Assignee:

Intel Corporation

Serial No.:

10/001,305 November 30, 2001

Filed: Atty Docket No.:

P12075

Title:

METHOD OF MAKING A SEMICONDUCTOR DEVICE THAT HAS COPPER

DAMASCENE INTERCONNECTS WITH ENHANCED

ELECTROMIGRATION RELIABILITY

Enclosed:

1. Transmittal Form (1 page)

2. Fee Transmittal for FY 2004 (1 page in duplicate)

3. Amendment (5 pages).

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FTO/6B/21 (02-04)

FROM : INTEL CORP

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I hereby certify that this correspondence is sufficient postage as first class mall in an el the date shown below.	being facsimile transmitted to the US avelope addressed to: Commissioner	PTO or deposited with the United States Postal Service for Patents, P.O. Box 1450, Alexandria, VA 22313-146	e with 50 on					
Typed or printed name Mark V. Seeley								

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Telephone 408-765-7382

June 9, 2004

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Inder the Paperwork Reduction Act of 1995, no persons are required to res FEE TRANSMITTAL

for FY 2004 Effective 10/01/2003, Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27

METHOD OF PAYMENT (check all that apply)

TOTAL AMOUNT OF PAYMENT

50-0221

Intel Corporation

Director is authorized to: (check <u>all (hat apply)</u>

Charge any additional fee(s) or any underpayment of fec(s) Charge fae(s) indicated below, except for the filing fee

FEE CALCULATION

Fee Description

Utility filing fee

Plant filing fee

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Mark V. Seelev

Extra Claims

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1. BASIC FILING FEE

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Total Claims

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U.S. Palont and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information upless it displays a valid OMD control number. Complete If Known FEE TRANSMITTAL 10/001,305 Application Number November 30, 2001 Filing Date for FY 2004 Stefan Hau-Riege et al. First Named Inventor Effective 10/01/2003. Patent foes are subject to ennual revision. M. Harrison **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 2829 An Unit P12075 (\$) 0.00 Attorney Docket No. TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Other Money None Check Credit card Large Entity , Small Entity Paposti Account: Fee Fee Code (\$) Fee Description <u>Fec Pald</u> (\$1 Code Deposit 50-0221 130 65 Surcharge - Inte filing fee or oath Account 1051 2051 Number Surcharge - late provisional filling fee or 2052 25 50 1052 Deposit Intel Corporation cover sheet Account 130 Non-English specification 1053 130 1053 The Director is suthorized to: (chock all that apply) 1812 2,520 For filling a request for ex parte reexamination 1812 2,520 Credit any averpayments Charge fee(a) Indicated below 920° Requesting publication of SIR prior to 1804 920 1804 Charge any additional fac(s) or any underpayment of fec(s) Charge fee(s) indicated below, except for the filing fee 1805 1805 1.840* Requesting publication of SIR after 1.840* Examiner action to the above-identified deposit account. Extension for roply within first month 1251 110 2251 55 FEE CALCULATION 210 Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 1253 950 2253 475 Extension for reply within third month Large Entity Small Entity Fee Pald 1,480 740 Extension for reply within fourth month Fee Pescription 1254 2254 Fee For 1,005 Extension for raply within fifth month 2,010 2255 1266 2001 385 Utility filing fee 1001 770 330 2401 165 Notice of Appeal 1401 Design filing fee 1002 340 2002 170 165 Filling a brief in support of an appeal 1402 330 2402 1003 530 2003 265 Plant filing fee 145 Request for oral hearing 1403 290 2403 Reissue filing fee 2004 385 1004 770 1.510 Polition to Institute a public use proceeding 1461 1.510 1451 Provisional filing foe 1005 160 2005 55 Petition to revive - unavoidable 1452 110 2452 SUBTOTAL (1) (\$) 0.00 1453 1.330 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 665 Utility Issue (ee (or release) 1501 1.330 2501 Fee from Fee Pald 1502 480 2502 240 Design issue (ee Extra Claims below × [18 40 Total Claims 320 Plant Issue fee 1503 640 2503 Independent Claims 86 -[0 130 Petitions to the Commissioner 1460 130 1460 Multiple Dependent 40 1807 50 Processing fee under 37 CFR 1.17(q) 1807 50 Large Entity 180 Submission of Information Disclosure Stmt Small Entity 180 1800 1808 40 Recording each patent assignment per Fos Fee Code (\$) Fee Fee Codo (\$) Foo Description 8021 40 8021 property (times number of properties) Claims in excess of 20 1202 2202 9 18 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 Independent claims in excess of 3 1201 86 2201 43 Multiple dependent claim, if not paid 385 For each additional invention to be 1203 290 2203 145 1810 770 2810 examined (37 CFR 1.129(b)) ** Reissue indopendent claims over original patent 1204 2204 BG 385 Request for Continued Examination (RCE) 1801 770 2801 Request for expedited examination 900 1802 ** Relasue claims in excess of 20 1205 18 2205 of a design application and over original patent Other fee (apecify) (\$) 0.00 SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 or number previously pald, if greater; For Reissues, see above (Complete (# applicable)) SUBMITTED BY Registration No. Totophone 408-765-7382 Mark V. Seeley 32,299 Name (Print/Type) (Altomey/Agent) June 9, 2004 Date an

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